

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/590,136
Source: IFWP
Date Processed by STIC: 08/30/2006

ENTERED



IFWP

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/590,136

DATE: 08/30/2006
 TIME: 09:15:37

Input Set : A:\seqlist.txt
 Output Set: N:\CRF4\08302006\J590136.raw

3 <110> APPLICANT: Bloom, David C.
 4 Amelio, Antonio L.
 6 <120> TITLE OF INVENTION: INSULATED HERPESVIRUS-DERIVED GENE EXPRESSION CASSETTES FOR
 7 SUSTAINED AND REGULATABLE GENE EXPRESSION
 9 <130> FILE REFERENCE: 36689.259
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/590,136
 12 <141> CURRENT FILING DATE: 2006-08-17
 14 <150> PRIOR APPLICATION NUMBER: PCT/US05/05461
 15 <151> PRIOR FILING DATE: 2005-02-17
 17 <150> PRIOR APPLICATION NUMBER: 60/545,375
 18 <151> PRIOR FILING DATE: 2004-02-17
 20 <160> NUMBER OF SEQ ID NOS: 111
 22 <170> SOFTWARE: PatentIn version 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 21
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Herpes simplex virus
 29 <400> SEQUENCE: 1
 30 tgaaccccaag ccccaagaaac c 21
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 22
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Herpes simplex virus
 38 <400> SEQUENCE: 2
 39 cgagtaaacc atgttaagga cc 22
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 24
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Herpes simplex virus
 47 <400> SEQUENCE: 3
 48 ctgatcacgc ggctgctgt aacc 24
 51 <210> SEQ ID NO: 4
 52 <211> LENGTH: 24
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Herpes simplex virus
 56 <400> SEQUENCE: 4
 57 ggtgatgaag gagctgctgt tgcg 24
 60 <210> SEQ ID NO: 5
 61 <211> LENGTH: 19
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Herpes simplex virus
 65 <400> SEQUENCE: 5
 66 catcaccgac ccggagac 19

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69 <210> SEQ ID NO: 6	
70 <211> LENGTH: 22	
71 <212> TYPE: DNA	
72 <213> ORGANISM: Herpes simplex virus	
74 <400> SEQUENCE: 6	
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78 <210> SEQ ID NO: 7	
79 <211> LENGTH: 20	
80 <212> TYPE: DNA	
81 <213> ORGANISM: Oryctolagus cuniculus	
83 <400> SEQUENCE: 7	
84 aagatctggc accacacctt	20
87 <210> SEQ ID NO: 8	
88 <211> LENGTH: 20	
89 <212> TYPE: DNA	
90 <213> ORGANISM: Oryctolagus cuniculus	
92 <400> SEQUENCE: 8	
93 cgaacatgtat ctgggtcatc	20
96 <210> SEQ ID NO: 9	
97 <211> LENGTH: 20	
98 <212> TYPE: DNA	
99 <213> ORGANISM: Mus musculus	
101 <400> SEQUENCE: 9	
102 ggagcctaaa cctgtctgtc	20
105 <210> SEQ ID NO: 10	
106 <211> LENGTH: 20	
107 <212> TYPE: DNA	
108 <213> ORGANISM: Mus musculus	
110 <400> SEQUENCE: 10	
111 gtgtgtcata gctcaagagg	20
114 <210> SEQ ID NO: 11	
115 <211> LENGTH: 26	
116 <212> TYPE: DNA	
117 <213> ORGANISM: Mus musculus	
119 <400> SEQUENCE: 11	
120 actcagtcca aacatataca agatgc	26
123 <210> SEQ ID NO: 12	
124 <211> LENGTH: 25	
125 <212> TYPE: DNA	
126 <213> ORGANISM: Mus musculus	
128 <400> SEQUENCE: 12	
129 ctatctacaa caaacttctc ctggg	25
132 <210> SEQ ID NO: 13	
133 <211> LENGTH: 16	
134 <212> TYPE: DNA	
135 <213> ORGANISM: Herpes simplex virus	
137 <400> SEQUENCE: 13	
138 gcatgcgtcg cccaaac	16
141 <210> SEQ ID NO: 14	

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142 <211> LENGTH: 20
 143 <212> TYPE: DNA
 144 <213> ORGANISM: Herpes simplex virus
 146 <400> SEQUENCE: 14
 147 cagttagatt gcatgtgatc 20
 150 <210> SEQ ID NO: 15
 151 <211> LENGTH: 20
 152 <212> TYPE: DNA
 153 <213> ORGANISM: Herpes simplex virus
 155 <400> SEQUENCE: 15
 156 ctctgtgggt aacaccagag 20
 159 <210> SEQ ID NO: 16
 160 <211> LENGTH: 20
 161 <212> TYPE: DNA
 162 <213> ORGANISM: Herpes simplex virus
 164 <400> SEQUENCE: 16
 165 gtctgtcttg gatgtatcgc 20
 168 <210> SEQ ID NO: 17
 169 <211> LENGTH: 17
 170 <212> TYPE: DNA
 171 <213> ORGANISM: Herpes simplex virus
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 174 caacgctact gcaaaac 17
 177 <210> SEQ ID NO: 18
 178 <211> LENGTH: 16
 179 <212> TYPE: DNA
 180 <213> ORGANISM: Herpes simplex virus
 182 <400> SEQUENCE: 18
 183 gacgggggtgc tgtaac 16
 186 <210> SEQ ID NO: 19
 187 <211> LENGTH: 17
 188 <212> TYPE: DNA
 189 <213> ORGANISM: Herpes simplex virus
 191 <400> SEQUENCE: 19
 192 cacgaacgac gggagcg 17
 195 <210> SEQ ID NO: 20
 196 <211> LENGTH: 17
 197 <212> TYPE: DNA
 198 <213> ORGANISM: Herpes simplex virus
 200 <400> SEQUENCE: 20
 201 cacccaagggt gcttacc 17
 204 <210> SEQ ID NO: 21
 205 <211> LENGTH: 17
 206 <212> TYPE: DNA
 207 <213> ORGANISM: Herpes simplex virus
 209 <400> SEQUENCE: 21
 210 cgtgatcgcc tgtctcc 17
 213 <210> SEQ ID NO: 22
 214 <211> LENGTH: 17

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215 <212> TYPE: DNA
 216 <213> ORGANISM: Herpes simplex virus
 218 <400> SEQUENCE: 22
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 222 <210> SEQ ID NO: 23
 223 <211> LENGTH: 20
 224 <212> TYPE: DNA
 225 <213> ORGANISM: Herpes simplex virus
 227 <400> SEQUENCE: 23
 228 ccttgccgtg gtcctgtgga 20
 231 <210> SEQ ID NO: 24
 232 <211> LENGTH: 20
 233 <212> TYPE: DNA
 234 <213> ORGANISM: Herpes simplex virus
 236 <400> SEQUENCE: 24
 237 gttgggggtt ggggtcgatg 20
 240 <210> SEQ ID NO: 25
 241 <211> LENGTH: 11
 242 <212> TYPE: DNA
 243 <213> ORGANISM: Artificial
 245 <220> FEATURE:
 246 <223> OTHER INFORMATION: Synthetic oligonucleotide
 248 <400> SEQUENCE: 25
 249 acgcacccccc a 11
 252 <210> SEQ ID NO: 26
 253 <211> LENGTH: 208
 254 <212> TYPE: DNA
 255 <213> ORGANISM: Artificial
 257 <220> FEATURE:
 258 <223> OTHER INFORMATION: Synthetic oligonucleotide
 260 <400> SEQUENCE: 26
 261 taactggctc ccctctcccc cctctccct ctccccccctc tccccctctcc ccccccctctcc 60
 263 cctctcccccc cctctccccc ctccccccct ctcccccttc cccccccttc ccctctcccc 120
 265 ccctctcccccc tctccccccctc tctccctctc cccccccttc cccctctccc cccctctcccc 180
 267 ctctccccccctc ctctccccctc tgctcttt 208
 270 <210> SEQ ID NO: 27
 271 <211> LENGTH: 205
 272 <212> TYPE: DNA
 273 <213> ORGANISM: Artificial
 275 <220> FEATURE:
 276 <223> OTHER INFORMATION: Synthetic oligonucleotide
 278 <400> SEQUENCE: 27
 279 ctctgtgggtt aacaccagag cctgccccaa ataggcccc cactccacg caccggact 60
 281 cccacgcacc cccactcccc cgcacccca ctccacgca ccccccactcc cacgcaccc 120
 283 cactccacg caccggact cccacgcacc cccactcccc cgcacccca ctccacgca 180
 285 tcccccgcgat acatccaaca cagac 205
 288 <210> SEQ ID NO: 28
 289 <211> LENGTH: 239
 290 <212> TYPE: DNA

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Input Set : A:\seqlist.txt
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291 <213> ORGANISM: Artificial
 293 <220> FEATURE:
 294 <223> OTHER INFORMATION: Synthetic oligonucleotide
 296 <400> SEQUENCE: 28
 297 cggcgtctgg ccgctctcc ccccgctact ccccccgtc ctccccccgc tcctcccccc 60
 299 gctctcccc ccgctctcc ccccgctact ccccccgtc ctccccccgc tcctcccccg 120
 301 ctctcccccc cgctctccc cccgctctc ccccccgtcc tccccccgt cctccccccg 180
 303 ctctcccccc cgctctccc cccgctctc ccccccgtcc tccccccgt cccgcggcc 239
 306 <210> SEQ ID NO: 29
 307 <211> LENGTH: 581
 308 <212> TYPE: DNA
 309 <213> ORGANISM: Artificial
 311 <220> FEATURE:
 312 <223> OTHER INFORMATION: Synthetic oligonucleotide
 314 <400> SEQUENCE: 29
 315 caccaccgccc ccctccccag cccagccct cccagcccc agccctcccc ggccccagcc 60
 317 ctccccggcc ccagccctcc cggccccag ccctccccgg cccagccct cccggggccc 120
 319 agccctcccc ggccccagcc ctccccggcg cgtcccgcc tcctcgcccc gggtcgggc 180
 321 atctctaccc cagtggccgc aatctcaggc cagatccaa aaccctccgg gggggccgc 240
 323 gcaccaccac cggccctcgcc ccctcccgcc ccctcgcccc ctccggccct tcggccctcc 300
 325 cccgcctcg cccctcccg ccctcgcccc cctccggcc ctccggccct cccggccctc 360
 327 gccccctccc gcccctcgcc ccctcccgcc cctcgcccc tcctcgccccct cggccctcc 420
 329 cggccctcgcc cccctcccgcc ccctcgcccc ctccggccct tcggccctcc cccggccctcg 480
 331 cccctcccg cccctcgcccc cctccggcc ctccggccct cccggccctc gccccctccc 540
 333 gcccctcgcc ccctcccgcc cctcgcccc tcctcgccccct c 581
 336 <210> SEQ ID NO: 30
 337 <211> LENGTH: 115
 338 <212> TYPE: DNA
 339 <213> ORGANISM: Artificial
 341 <220> FEATURE:
 342 <223> OTHER INFORMATION: Synthetic oligonucleotide
 344 <400> SEQUENCE: 30
 345 ctccccccct gcgcggccgc ctctcccccc ctgcggcccc gcctctccccc ccctgcggccc 60
 347 ccgcctccctc cccctcgccccc cccgcctccct ccccccgtcg ccccccgtcc ctccc 115
 350 <210> SEQ ID NO: 31
 351 <211> LENGTH: 140
 352 <212> TYPE: DNA
 353 <213> ORGANISM: Artificial
 355 <220> FEATURE:
 356 <223> OTHER INFORMATION: Synthetic oligonucleotide
 358 <400> SEQUENCE: 31
 359 ccctcacccca cccacccctc acccaccac ccctcacccca cccacccctc acccaccac 60
 361 ccctcacccca cccacccctc acccaccac ccctcacccca cccacccctc acccaccac 120
 363 ccctcacccca cccacccctc 140
 366 <210> SEQ ID NO: 32
 367 <211> LENGTH: 12
 368 <212> TYPE: DNA
 369 <213> ORGANISM: Herpes simplex virus
 371 <400> SEQUENCE: 32

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:25,26,27,28,29,30,31

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number